



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: **Second Tuesday** of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the **third Tuesday** of each month.
- On the **fourth Tuesday** of every month, in-person meeting at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<https://www.rars.org/public-service.php>

frequently for our ham public service schedule.

RARS General Meeting

Date: February 11, 2025

Topics:

NC QSO Party by Marty Young, W4MY &
RARS Club station by Fin Gold, NC4FG

Where: Ridge Road Baptist Church

Time: In-Person and Zoom Meeting at
7:30 PM, [More info at RARS.org](https://www.rars.org)

RARS In Person Gathering

Date: February 25, 2025

Where: Ridge Road Baptist Church

Time: 7:00 PM

In-person Gathering at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.

RARS Officers

PRESIDENT

Fin Gold
NC4FG
nc4fgfin@gmail.com

VICE PRESIDENT

Chuck Till
K4RGN
k4rgn@outlook.com

SECRETARY

Julie Royster
KT4JR
919-782-1624
KT4JR@arrl.net

TREASURER

Greg Seamster
KE4PAX
919.859.0029
KE4PAX@arrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Regular dues for licensed amateurs are \$18 per year. (From July 1 through June 30.) Additional licensed immediate family members pay \$5 each per year. Dues for licensed full-time students and licensed seniors 60 and over are \$12 per year. Unlicensed individuals may become associate members for \$9 per year. Applications for membership are available from the treasurer or on the RARS web site.

<https://www.rars.org>

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the Saturday that is ten days before the general meeting. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

President's Message for February 2025

Opportunity Knocks

We can easily call this our busy season!

Beginning in February, RARS has a major event every other month. Coming up are:

- NC QSO Party Club Station on February 23rd
- RARSfest on April 5th
- Field Day on June 28th

All of these 3 events (and every other RARS event) are open to RARS members and non-members, any level of license or not licensed. They are a great opportunity to get involved in the local radio scene.

As usual, you can look into our monthly recurring events on the [RARS website](#), Public Service, License testing before the February Gathering, POTA, and more.

Sign Up Now!

Signups are already open for several events and opportunities. Here are your shortcuts right to them:

- [NC QSO Party Club Station Signup](#) (Come to the RARS Meeting on February 11th to learn all about it)
- [RARSfest Volunteer Signup Info](#)
- [RARSfest Early Bird Ticket purchase](#)
- [Public Service events](#) starting February 22nd

Lots to do! Radio on!

73,
Fin Gold, NC4FG
President
Raleigh Amateur Radio Society

January 14, 2025 RARS meeting

President Fin Gold NC4FG called the meeting to order at 7:30 pm. He reminded Zoom participants of a few notes about using Zoom. He praised RARS for a successful year. Our club now has about 500 members, about 220 Discord users including about 40 non-members. We had a very well attended RARSfest and a great Field Day. We have held in-person meetings and in-person licensing classes. Fin's vision is that RARS is a welcoming club with members who want to help each other and help the public, providing learning opportunities and public service.



Before the meeting started.



Devin Hedge, KN4FVH, Setting up the Zoom camera and computer

January 14, 2025 RARS meeting, continued



Fin Gold, NC4FG
starting the meeting.



Marty Young, W4MY,
talking about field day



Greg Seamster,
KE4PAX, giving the
treasurers report.



Door prize winners. Left to right
Wilber Goss, Jr., WD4RDT; Denny Oestreich, KO4IBL;
Matthew Sumner; Dennis Mason, WZ0Q

January 14, 2025 RARS meeting, continued



Vance, KV4P

Vance, KV4P, gave an excellent presentation about turning an Android Phone into a 2M HT for \$35

This text was copied from the website listed below.

kv4p HT is a homebrew VHF radio that makes your phone capable of voice and text communication completely off-grid with at least a Technician class amateur radio license.

The radio simply plugs into the USB C port on your Android smartphone and transforms it into a fully-fledged handheld radio transceiver. It's completely open source ([GPL3](#)): the Android app, ESP32 firmware, PCB designs, and 3D printer files.



[kv4p HT - open source ham radio transceiver for your smartphone](#)

January 14, 2025 RARS meeting, continued



Disclaimers

- I make no money from this project
- It's 100% free and open source
 - Software, firmware, hardware, 3D printer designs are all GPL3 licensed
- I don't provide kits or pre-built units (others do!)

Reception after 3 months

- Over 100,000 YouTube views on my 2 launch videos
- Reviewed by 3 major YouTube ham radio channels



- Articles in Hackaday, Hacker News, and ZDNet
- Over 1300 people in the kv4p HT Discord chat
 - Including electronics engineers, software developers, 3D printer aficionados, and more
- Many contributions to the GitHub project



kv4p HT a living project,
updated constantly

Q&A?

Vance, KV4P has a video on the internet that shows the radio and cellphone working together. <https://www.kv4p.com>

Also check out his QRZ entry, <https://www.qrz.com/db/KV4P>

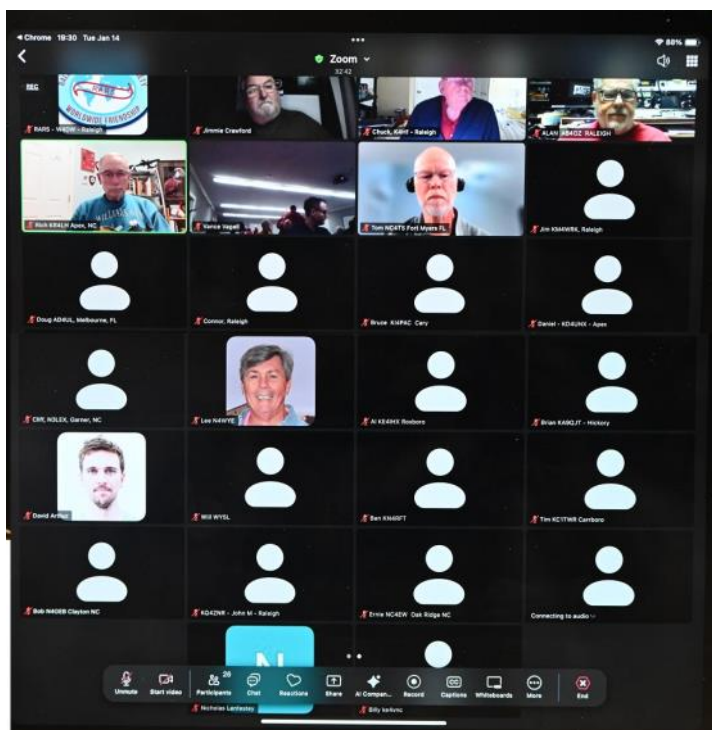
January 14, 2025 RARS meeting, continued

Full Name	Call Sign	RARS Member	Full Name	Call Sign	RARS Member
Ann Norcross	NOCALL	Yes	Julie Royster	KT4JR	Yes
Caleb Buckner	KQ4WOM	Yes	Ken Latchum	AD4GX	Yes
Chuck Till	K4RGN	Yes	Kevin Sumner	KQ4YBZ	No
Dale Jones	WA4JCK	Yes	Kyra Lenfestey	KQ4VAG	Yes
Dan Stancil	WY3O	Yes	Marty Young	W4MY	Yes
Dennis A Mason	WZ0Q	Yes	Matthew Sumner	NOCALL	No
Dennis Oestreich	KO4IBL	Yes	Mike Nutt	K3LOE	Yes
Devin Hedge	KN4FVH	Yes	Richard Dennis	KE4C0D	No
Fin Gold	NC4FG	Yes	Richard Kroeger	N1FUA	Yes
Greg Seamster	KE4PAX	Yes	Rob Lenfestey	KZ4LB	Yes
Hans Enders	KQ4UXZ	No	Robert Mcneill	W4MBD	Yes
Jeremy Lindsley	K2HJX	Yes	Robert Starkenburg	W4TTX	Yes
Jim Barron	N4CVT	Yes	Scott Lenfestey	KQ4VAF	Yes
Joe Haggerty	N4BJH	Yes	Stephen Haffly	NY4NC	Yes
John Hollowell	K4JAH	Yes	Tadd Torborg	KA2DEW	Yes
John Honeycutt	N8ZU	Yes	Tenzin Sherpa	KR4AHD	No
John Ostrander	KM4EZK	No	Tom Lewis	N4TL	Yes
Jon Suen	KG6K	Yes	Tony O'Connor	K1OC	Yes
Joseph Croninger	KR4AFI	Yes	Vance Vagell	KV4P	Yes
Josh Kirkland	NOCALL	No	Wilbur Goss	WD4RDT	Yes

The 40 in-person attendance shown above.

The 17 Zoom attendance screen shot on the right.

57 total



Monthly In-Person RARS Gathering, January 28

Ridge Road Baptist Church, at [2011 Ridge Road, Raleigh](#)

The meeting starts at 7:00 pm in the Fellowship Hall, but we start setting up at 6:00 pm, and you are welcome to bring your own ham radio equipment and projects to demonstrate, show off, or just work on with other like-minded hams -- we have plenty of tables. You might also find sources of coax, connectors, zip cord, Powerpoles®, and whatnot.



Photos during the Gathering

Monthly In-Person RARS Gathering, January 28, continued



Doug Wall, N3LTV on his Yaesu FTDX10



New Ham, Matt Kesler, KQ4SVZ talking to KY4SZ Ernest in Winston Salem on 40m, 7.268

Photos during the Gathering

Monthly In-Person RARS Gathering, January 28, continued



Testing our Agilent E4402B Lab-quality spectrum analyzers to prepare for sale in the RARS classified ads soon.

Full Name	Call Sign	RARS Member	Full Name	Call Sign	RARS Member
Barry Wheeler	K9IUT	Yes	Jon Suen	KG6K	Yes
Bob Starkenburg	W4TTX	Yes	Katie Farmer	KQ4TIF	Yes
Charles Mccomas	KN4HU	Yes	Ken Latchum	AD4GX	Yes
Daniel L'Hommedieu	KD4UNX	Yes	Matt Kessler	KQ4SVZ	No
David Cannon	KE7UJX	Yes	Michael Kerley	KO4PAS	Yes
Devin Hedge	KN4FVH	Yes	Nancy Torborg	KB2TNR	Yes
Dorsey Daniel	KK4UGY	Yes	Paul R. Dugdell	KO4PZA	Yes
Doug Wall	N3LTV	Yes	Ralph Selmont	KQ4RZI	Yes
Fin Gold	NC4FG	Yes	Raymond Kalbfeld	K4JKA	Yes
Gerald Agliata	W2GLA	Yes	Richard Kroeger	N1FUA	Yes
Hans Enders	KA4UXZ	No	Rob Bowser	KO4HUI	Yes
Jeremy Lindsley	K2HJX	Yes	Ryan Reed	N7RYN	Yes
Jim Barron	N4CVT	Yes	Stephen Haffly	NY4NC	Yes
Joe Haggerty	N4BJH	Yes	Tadd Torborg	KA2DEW	Yes
John Goldsborough	N8NMG	Yes	Tom Lewis	N4TL	Yes
John Hollowell	K4JAH	Yes	Tony O'Connor	K1OC	Yes
John Honeycutt	N8ZU	Yes	Will Jabber	WY5L	Yes
John Mark Freeze	WD4KSE	Yes			

35 People, RARS Gathering Attendance January 2025

RARS Member Birthdays

Mike	N4IQA	02/01
Maury	WE4EE	02/02
Sue	W2GHK	02/02
LOS	AF0AA	02/03
Fred	KQ4RPP	02/03
Selene	KG4RMT	02/03
David	K4DBZ	02/04
Grady	KJ4RZU	02/05
Artie	KC2JFU	02/05
Nick	KQ4VAE	02/06
Kevin	K0KRK	02/07
Larry	N4LEW	02/07
Bryan	KJ4GWZ	02/08
Patrick	K3PMH	02/09
Cliff	KA7NSU	02/10
Brandon	KQ4QZB	02/12
Tom	N4TL	02/13
Dennis	WZ0Q	02/13
Tony	K1OC	02/14
Kathy	N4KLW	02/15
Jim	W2PAU	02/16
Dave	KK4ELT	02/16
Wallace	KO4SKA	02/17
Howard	N4KYW	02/19
Steve	WB2VKL	02/19
Roger	K4KDX	02/20
Pat	KQ4QWK	02/21
Israel	N4ZVU	02/21
Joe	N1LVN	02/21
Nadia	KO4ADV	02/21
Ralph	KQ4RZI	02/23
Roger	W9ELE	02/23

RARS Member Birthdays

Pam	KO4YAR	02/23
Pedro	KN4MJR	02/23
Sylvia	KG6ZUY	02/24
Joe	W4TTO	02/25
Carl	W8WZ	02/26
Bob	WX4MMM	02/26
Bruce	W8TWT	02/27
Chris	N4LLZ	02/28
Mary	KG4OQA	02/28
Kathleen	KM4CSF	02/28

RARS New Members

Ann Norcross	Not Licensed
Robert Pantazes	W2ARP
Peri Pantazes	KC2AHL
Kevin Sumner	KQ4YBZ
Jimmy Cady	KQ4YUW
Michael Merzke	KQ4IWB

January 2025

RARS Net Report

31 2m nets: 434 checkins, 831 minutes
 4 6m nets: 48 checkins, 65 minutes
 1 10m net: 6 checkins, 24 minutes
 Julie Royster, KT4JR, RARS net manager



RARSfest April 5, 2025

Latest info —> [RARSfest - The NC Capital Area Hamfest](#)

Experience the Largest All-Indoor Hamfest on the East Coast
and the 2025 ARRL [North Carolina](#) State Convention!

Brought to you by the [Raleigh Amateur Radio Society](#)

[Door Prizes for 2025!](#) 

Grand Prize

[Yaesu FTDX10 HF Radio](#)

First Prize

[Yaesu FTM-500DR FM/C4FM](#)

[Dual Band Mobile](#)

“Early Bird” Prize

[ICOM IC-2730A Dual Band Mobile](#)

Volunteer Prize

[Yaesu FT-70DR Dual Band Handheld Radio](#)

Volunteers are needed, [please sign up here](#).

You do not need to be a RARS member to volunteer!

HAM Radio Brunch

These pictures were taken on Thursday January 9, 2025 by one of our waiters.

New York Diner, 909 McKnight Drive Knightdale. The food is usually coming out by 11AM.

14 people attended.



Names clockwise around the table

Dave Guthrie, WA4DAG; Dennis Mason, WZ0Q; Alan Pitegoff, AB4OZ; Charlie Strickland, WA4OSS; Howard Goodman, N4KYW; Walt Chambers, K4ZVK; Dave Shive, K4RF; Dave Wood, W4EJ; Chuck Littlewood, K4HF; Chuck Till, K4RGN.



Table two. Names clockwise around the table

David Peterson, KN8DAP; Charles Swindell, WB4DCM; Tom Lewis, N4TL; Denny Oestreich, KOIBL;

Ham Public Service North Carolina

The public service event season is kicking off on February 22, 2025 with the Wilmington Marathon followed by Odyssey of the Mind on March 1, 2025. Volunteers can sign up for these events now at www.hpsnc.org/events. Registration will open for other events in the coming weeks.

New to public service events? Come to the next RARS gathering meeting on February 25th, 2025. Jeremy Lindsley, K2HJX, RARS Public Service Coordinator, will be there with go-boxes to show and will tell you all about the benefits of getting involved with public service events.

73 Jeremy Lindsley, K2HJX

New Net Manager for the Tarheel Emergency Net

RARS member Doug Wall, N3LTV has accepted appointment as the new Net Manager for the Tarheel Emergency Net effective January 21, 2025. The Tarheel Emergency Net is held each evening at 7:30 p.m. on 3923 KHz and has been in existence since 1947. Thanks to the net control stations and participants who will keep the net active as we head towards its 80th anniversary in 2027.

Thanks to *Chuck Till, K4RGN* for the information

Future RARS General Meeting presentations

March 11: "RARSfest", by Nancy Torborg, KB2TNR.

April 8: "Advanced Techniques for Contesting", by Nate, N4YDU

AWA Communication Technologies Museum

The AWA has a YouTube channel with videos about various radio related topics. This link will take you to one about the National AGS Receiver, "Aeronautical Ground Station". That radio was the first superheterodyne receiver made by National. The presentation is by Brian Harrison, KN4R of Sherrills Ford, North Carolina.

<https://www.youtube.com/watch?v=afQMljCQCqg>

73 Tom N4TL

<https://www.rars.org>

Ham Radio DX information Website

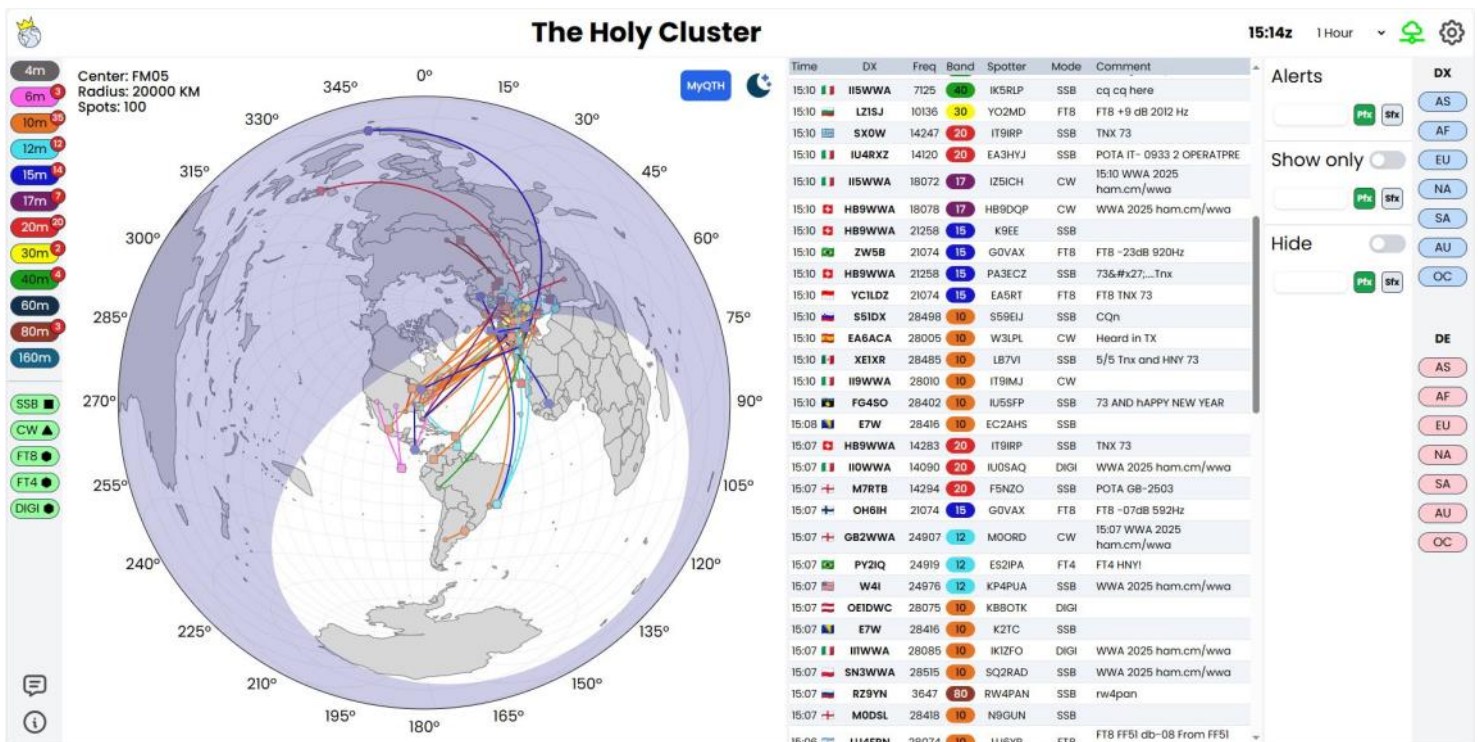
I heard about this website within the last month and looked it up. It is a new way of showing DXcluster information. The regular DX spots are on the right and a world map on the left. You can select which bands you want to see on the left as well as what modes you are interested in. One click on a band to turn it on and off. Or “Only” you will only see that band. Or “All” to see all bands. The same for the modes. Click on the gear in the upper right and put in your call and grid square. Now the map will be centered on your location. As you move your mouse pointer over a DX Spot the corresponding line on the map will be highlighted. The opposite also works. Move our mouse pointer on lines in the map and the corresponding DX Spot will be highlighted.

I copied this from the information in the website. <https://holycluster.iarc.org>

The Holy Cluster is being developed by a group of Israeli amateur radio enthusiasts, with the support of the Israeli Association of Radio Communication (IARC).

We hope this platform will serve as a valuable tool for radio operators worldwide, fostering collaboration and enhancing the global radio communication experience.

Contact us at: holycluster@iarc.org



North Carolina QSO Party 2025

RARS is the sponsor of the North Carolina QSO Party (NCQP) again for 2025. We're in our 12th year leading it of late and were the original sponsors getting it going in 1970. Things are continuing in fine fashion with lots of things happening.

NCQP is, essentially, a radio contest where participants get credit for working (and logging) North Carolina hams. Everyone who chooses to operate within the confines of the rules compete for plaques and certificates of operating achievement and recognition of their radio operating ability. We hams set our own reasons for participating, some to hone emergency radio operating skills, some for the thrill of managing a pile-up of callers on the air, and others just for the pure competitive spirit. We can't leave out those who just like to set up a radio and talk to folks on the air. In all cases, the main objective is for everyone to have fun!

NCQP is open to all hams throughout the world. Those of us in North Carolina take our turn to put out the invitation to work us at the prescribed time. Those QSOs take place on the HF bands using voice, CW, and digital modes. We North Carolina hams are known for our hospitable, polite, and relaxed operating style and everyone else seeks NC out to put in their log.

There are many options, depending on your particular situation and interests, in which to participate. New hams might best get involved with the "club operation." Its a station specifically set up for someone to learn and observe and find mentoring. On-the-job- training so to speak. Others can just get on the air from their main ham shack at home. Some go out POTA or Field Day style portable to counties where no, or few, other hams reside to "activate" it. And, crazy as it sounds, some hams take to their car mobile HF station and drive back and forth, around in circles, within NC working QSOs! Everyone is welcome to operate in the style they like best. (within the rules, of course)

Why do we do this? Well, my passion as chairman is driven by my love of radio and connecting with other like minded hams in no better place but on the air. A state QSO party is the perfect mix of friendly competition we all enjoy, comradery, and outreach of our famous North Carolina hospitality via amateur radio.

One important piece of information is when all of this takes place, don't want to forget. The timeline starts with 10:00 AM EST on Sunday, February 23, 2025. Its 10 hours until the end at 8:00 PM that same day. (That's 2/23/25 1500Z – 2/24/25 0100Z) We hope you will get on the air with us!

Be sure to check out the website www.ncqsoparty.org for rules, operating helps, and links to information and past results. The YouTube video link to a 3 part presentation about the ins and outs of NCQP is helpful especially to those new to NCQP. There's a link also from the RARS website homepage. Many RARS members are on the NC QSO Party Discord channel as well as the Facebook groups page. Many ways to learn about NCQP and get information.

We encourage everyone to get on the air and light up North Carolina!

Very 73 Marty, W4MY
NC QSO Party Chairman

CC-AWA March Meet in Charlotte NC

March 20-21-22 at the Sheraton Charlotte Airport Hotel, 3315 Scott Futrell Drive, Charlotte, NC 28208.

Bring a friend or two and a carload of radio goodies for the Fleamarket and Auction! and your best radio to display in the Contest!!!! Here a link to the meet brochure (pdf).

<https://cc-awa.club/images/2025.pdf>

Pre-register and save: Sheraton Hotel Room Reservations can be made by calling 1-800-325-3535. Be sure to mention you will be attending the Carolina Chapter AWA March Meet 2025 at group rate of \$131.00 USD per night. They will want to send you a text message to do the reservation. I found it easier to say NO to the text. I had to say NO three times. After that a person came on and I was able to make the reservation.

Please Note - the last day to book at this special rate is Wednesday, February 26, 2025 (afterwards rate will be \$199) so please your rooms locked in early!

We are looking forward to seeing you at the meet!!!!

Questions? Brian Harrison briankn4r@gmail.com or 704 657-8910 cell or text anytime



RARS Classifieds

Copied from <https://www.rars.org/classifieds.php>

The items below were listed within the last 30 days on the RARS website.
Check the RARS Classified List on the RARS website regularly for new items.

Misc Ham Radio Gear

Posted February 3rd, 2025 by: K4HF

Contact: k4hf953@yahoo.com

1. Tentec 937 13.8V 7-11A Linear Power Supply, tested - \$25
2. MFJ 564 Chrome Iambic Paddle Key - \$45
3. MFJ 1026 Rx Deluxe Noise Cancel Signal Enhancer w/manual - \$95
4. MFJ 1621 Portable Antenna System w/manual - \$25

Contact me by e mail, preferred, or (919) 630-9358 Thanks, Chuck

ICOM IC-275H two meter 100-watt multimode transceiver

Posted January 31st, 2025 by: N4TL

Contact: n4tl2@yahoo.com

For sale, ICOM IC-275H two meter 100-watt multimode transceiver, SN 1332. With SignalLink USB For digital modes. Also with serial port USB cable for frequency control of the radio. The SignalLink and radio works with WSJT-X software for FT8 and other digital modes. Includes original box, power cord, microphone, instruction manual and service manual. \$425 for all.

During VHF contests, I have worked nine states on FT8 with this radio.

BRAND NEW UNUSED 12V 7.2AH Batteries

Posted January 31st, 2025 by: N1GMV

Contact: n1gmvm@hotmail.com

I have some brand new in the box 12v 7.2 AH Neptune SLA batteries for sale \$15 each while supplies last.
Great for this summer's QRP operation!
Email n1gmvm@hotmail.com if interested.

Two Antennas and an Amplifier

Posted January 28th, 2025 by: KQ4ICK

Contact: garrydougasmurray@gmail.com

RARS Classifieds continued

1. I have a new Broad Band Out-250B, well made, easy to use, 23 foot, 50ohm, 250 watt, RX:2.0-90MHz, TX:3.5-57MHz, SWR:Less than 1.5:1 for \$100

2. A new never used G5RV antenna, 10-80m, 1500 watt for \$70

3. KL 703; HF 25-30 MHz Linear Amplifier, AM, FM, CW, SSB, pre-amp, 500 watt for \$400

4. A Daiwa 2 position antenna switch; \$15

Thank you, Icky Garry in Cary

Wanted One Nuvistor Tube Socket

Posted January 27th, 2025 by: K4CLK

Contact: rogerk4clk@aol.com

Wanted one Nuvistor tube socket. Respond to email. Tnx

PreciseRF Stepper Mag Loop Antenna

Posted January 27th, 2025 by: K4MWB

Contact: k4mwb@arrl.net

PreciseRF HG-3 Pro Mag Loop Antenna. From an estate, tested, never used. Purchased new 1/19/21 for \$1,230, sell for \$550. 40m - 10m up to 75w PEP.

Flex 6300 with internal ATU

Posted January 21st, 2025 by: KN4RFT

Contact: kn4rft@gmail.com

For Sale is one Flex 6300 with internal tuner. The Flex 6300 comes from the estate of a SK and has been tested. Included in the sale, a Samlex power supply and some Wemo switches for remote powering up of a power supply and the Flex. This is a great radio and also works well remote for SSB and FT modes. The price is \$1200. Contact John KB4OI at nckb4oi@gmail.com for more details and to purchase.

3 output Lambda DC power supply

Posted January 17th, 2025 by: K5MO

Contact: johnk5mo@gmail.com

RARS Classifieds continued

\$80

Current limiting/adjustable voltage 3 output Lambda professional quality DC bench supply.

Specs: Model LPT7202-FM

2 0-20VDC adjustable outputs at 1.5A each

1 0-0-7VDC adjustable output at 5A .

Individual metering for voltage and current on each output.

Pics available. Sending to my QRZ email address. Will meet you in the Triangle area.

John K5MO

Radioddity DB25 Dualband mobile

Posted January 12th, 2025 by: WZ0Q

Contact: wz0q@outlook.com

Radioddty dualband mobile, 25 watts, 200 memories

Includes mic, power cord, programming cable and more.

New, programmed with local repeaters

New cost \$120.00 Asking \$90.00 obo

919-413-5998, Dennis Wz0q

AMPLIFIER x Alpha

Posted January 11th, 2025 by: K4BYN

Contact: Louis.B.Alexander@gmail.com

I have an Alpha 76A amplifier, 160 thru 15 meters that I purchased from RARS about 3 or 4 years ago. I have never used but have tested. This is a 2-tube model (3CX400A7/8874).

I am cleaning up around here and would like to sell. Will sell for \$600. I also have the manual for this amplifier. Amp is pretty clean and is wired for 240 VAC.

WANTED

Posted January 8th, 2025 by: W4MPS

RARS Classifieds continued

Contact: w4mps@nc.rr.com

ICOM IC-2730a dual band full duplex VHF/UHF transceiver

ICOM AT-500 Auto tuner. \$125

Posted January 7th, 2025 by: N4TL

Contact: n4tl2@yahoo.com

For sale

ICOM AT-500 Auto tuner. \$125

Includes tuner, power cable, manual and box. Works on all bands except 20 meters. On 20 keep it on bypass. Auto band switching with IC-701, 720 and 730. Manual band switch for other radios. All bands are connected to one output connector.

\$125

73 Tom N4TL

AB4OZ Hamfest

Alan, AB4OZ found a new location for his Hamfest.

His next hamfest is March 1, 2025 at the Lawson apartments, 1001 Mulford Ct, Knightdale NC.

Make sure you check his entry on QRZ.com for the latest update incase of bad weather.

Minutes, Board of Directors Meeting

Raleigh Amateur Radio Society

December 3, 2024, 7PM on Zoom

1. President Fin Gold NC4FG called the meeting to order at 7 pm. Attendees were: Fin Gold NC4FG, Julie Royster KT4JR, Chuck Till K4RGN, Greg Seamster KE4PAX, Nancy Torborg KB2TNR, Tom Lewis N4TL, Alan Pitegoff AB4OZ, Chuck Littlewood K4HF, Richard Hall K7RLH, Tadd Torborg KA2DEW, Brantley West K4CBW, Jeremy Lindsley K2HJX, John Honeycutt N8ZU, Tony O'Connor K1OC, Ken Latchum AD4GX, and Denny Oestreich KO4IBL. There were no visitors.
2. President Gold asked Secretary Julie Royster if a quorum had been reached; she replied that there was a quorum. He then requested a motion to approve the November board meeting minutes. Chuck Till made the motion, which was seconded and approved.
3. Old Business: none
4. New Business
 - a. Julie Royster stated that Virginia Enzor NC4VA had requested that Central Carolina Skywarn and the National Weather service (operating together as WX4NC) be allowed to use the W4DW repeater as one of several repeaters they plan to use during Skywarn Recognition Day on December 6-7. Julie recommended that this be allowed, providing that the W4DW scheduled Friday night net time slot be avoided. President Gold agreed, so Julie will confirm this to Virginia.
 - b. Tadd Torborg requested that the RARS website ID be added to the W4DW automatic identification. Alan Pitegoff said that this is not yet possible to do.
5. Officers' Reports
 - a. Vice-President's Report – Chuck Till K4RGN
Speakers are lined up for December through March, and Chuck is now recruiting for April going forward.
 - b. Treasurer's Report – Greg Seamster KE4PAX
There are currently 498 members, including 486 voting members. Some income has been received from sale of estate items. There was a question about Chuck's ability to access the account via QuickBooks. Chuck also needs access to GuideStar.
 - c. Secretary's Report – Julie Royster KT4JR
The minutes are up to date.
6. Committee Reports:

RARS Board of Directors Meeting minutes continued

- a. Public Service Director
no report
Jeremy Lindsley, K2HJX
- b. Education Director
The next class will be held January 25, February 1, and February 8. It has been advertised on the RARS webpage and on ARRL. Nine students have signed up so far. It is best to sign up in advance so they can start reading prior to the class.
Denny Oestreich, KO4IBL
- c. Field Day Chairs
Last year's co-chairs were absent. RARS still needs a Field Day chair for 2025. We would have to delete our reservation at the police club if no chair has been obtained by April. We have not yet paid a deposit for the dates at the club. We need to pay a deposit to have a reservation.
Curt Phillips, W4CP David Burt, W4OFO
- d. FM Repeater Chair
There have been no responses from Chuck to emails.
Chuck DeCourt, W3WZN
- e. Club License Trustees
No new report, no changes.
Tom Lewis, N4TL
- f. Exciter Editor
The Exciter issue should be completed tomorrow.
There was a brief discussion about the easiest ways to identify meeting attendance numbers and winners of door prizes.
Tom Lewis, N4TL
- g. RARSfest Chair
We need two types of volunteers: backup trainees for the main jobs, and regular volunteers. The fairgrounds representative, Annette Taylor, is sending the contract. HRO has confirmed as a vendor but two other vendors have been lost. Richard Hall asked how he can receive messages about testing at RARSfest via groups.io. Nancy will have the first committee meeting soon via Discord.
Nancy Torborg, KB2TNR
- h. Net Manager
Nets are proceeding as usual.
Julie Royster, KT4JR
- i. ARRL Liaison
no report
Chuck Littlewood, K4HF
- j. NC QSO Party Chair
Fin Gold stated that our club will be a bonus station operating from Fin's house. There will be a side contest on digital modes.
Marty Young, W4MY
- k. RARS VE Coordinators
The team will probably hold 9 sessions next year: 6 sessions in even months, RARSfest, Cary swapfest, and JARSfest.
Richard Hall, K7RLH
- l. RARS Webmaster
There are about 220 users on Discord: about 180 self-identified as members plus about 40 non-members.
Tony O'Connor, K1OC

RARS Board of Directors Meeting minutes continued

- m. Youth Chairman Brantley West, K4CBW
Brantley asked a question about receiving email messages initiated via the website contact form.
- n. At Large Director Alan Pitegoff, AB4OZ
nothing new
- o. At Large Director Tadd Torborg, KA2DEW
There will be no gathering in December, so the next gathering will be in January. There will be a new ham meeting prior to the December club meeting.
- p. At Large Director Ken Latchum, AD4GX
nothing new

7. Other reports, questions, or comments from Board Members

- Fin discussed the value of ARRL to our club. There is no call for trashing ARRL on Discord.
- Tom N4TL says that ARRL is starting to send out awards again.

8. Adjournment

President Gold asked for a motion to adjourn. Chuck Till so moved and the motion was seconded and passed. The meeting was adjourned at 7:38 pm.

Respectfully submitted,
Julie Royster, KT4JR, RARS Secretary

Minutes, Board of Directors Meeting

Raleigh Amateur Radio Society

January 7, 2025

7:00 PM on Zoom

- 1) President Fin Gold NC4FG called the meeting to order at 7 pm. Attendees were: Fin Gold NC4FG, Julie Royster KT4JR, Chuck Till K4RGN, Tadd Torborg KA2DEW, Brantley West K4CBW, Alan Pitegoff AB4OZ, John Honeycutt N8ZU, Denny Oestreich KO4IBL, Greg Seamster KE4PAX, Nancy Torborg KB2TNR, Tony O'Connor K1OC, Tom Lewis N4TL, Chuck Littlewood K4HF, Richard Hall KR4LH, and Ken Latchum AD4GX. There were no visitors.
- 2) President Gold asked Secretary Julie Royster if a quorum had been reached; she replied that there was a quorum. He then requested a motion to approve the December board meeting minutes. Chuck Till made the motion, which was seconded and approved.
- 3) Old Business
There was no old business.
- 4) New Business
 - a. Emergency communications opportunities after Hurricane Helene.
Tony O'Connor, K1OC
Ideas for improved club emergency response plans were discussed. Specifically, the possibility of working with other organizations was considered with more details later.
 - b. Signup Genius subscription upgrade – Fin Gold, NC4FG
An upgraded subscription would be \$216 per year. We need this for the NC QSO party, RARfest, and maybe for Field Day. Tony O'Connor stated that the upgrade would permit more than 1 email alert. Fin Gold asked from where in the budget this \$216 could come. Treasurer Greg Seamster said that money can be moved from one line item to another, and that the administration line item might be the best place. Fin Gold will sign us up with the upgrade.
 - c. Field Day options update – Fin Gold, NC4FG
The board reviewed several options for Field Day organization so the event will be a success.

- d. Awards committee startup for 2025 – Fin Gold, NC4FG
President Gold asked Chuck Till if he would lead the awards committee this year, and he agreed to do so. Chuck Littlewood K4HF can assist.
An updated awards process was reviewed.

5) Officers' Reports

- a) Vice-President's Report – Chuck Till K4RGN
We have a speaker for January. The February meeting is about the NC QSO party, and the March program is about RARSfest. Chuck has sent inquiries about speakers for later meetings. The QCWA chapter has requested to hold a Zoom meeting on the RARS Zoom account if the weather prevents an in-person meeting. There would be no cost to RARS, and the board agreed this would be fine if needed.
- b) Treasurer's Report – Greg Seamster KE4PAX
There are currently 508 RARS members.
Greg can inform Fin Gold how to use the RARS credit card for Signup Genius.
- c) Secretary's Report – Julie Royster KT4JR
Minutes are up to date.

6) Committee Reports:

- a) Education Director Denny Oestreich, KO4IBL
The next Technician licensing class starts Jan 25. 18 people are registered! There are 3 people on a waitlist. Denny will change the format to reduce the emphasis on Qs and As in favor of more demonstrations on how to do various activities. Nancy Torborg asked to make an appearance to promote RARSfest. There was discussion about charging a reservation fee that would be refundable if they attend the 3 classes as a strategy to minimize the chance of people signing up and then not participating.

RARS Board of Directors Meeting minutes continued

- b) Club License Trustees Tom Lewis, N4TL
no change
- c) Exciter Editor Tom Lewis, N4TL
The current issue is almost done. On a page regarding RARSfest there is a problem with a clicker for getting onto the RARSfest mailing list, and Nancy Torborg will look into this.
- d) RARSfest Chair Nancy Torborg, KB2TNR
The committee will meet Thursday at 7 on zoom. Board members can take a look at the beta site. The flyer is now updated. The tickets are ready to go. She is in contact with people who can promote RARS fest via youtube.
- e) Net Manager Julie Royster, KT4JR
Nets are proceeding as usual.
- f) ARRL Liaison Chuck Littlewood, K4HF
Thanks to Fin Gold for putting out Marv Hoffman's newsletter. ARRL needs clubs to send it out.
- g) NC QSO Party Chair Marty Young, W4MY
Marty and Fin Gold will speak at the February meeting.
- h) RARS VE Coordinators Richard Hall, KR4LH
All testing events are scheduled for 2025: 6 gatherings, Cary swapfest, and RARSfest (9 events). There was some discussion about offering testing at every Gathering. It is difficult to get enough VEs to participate at the Gatherings. The room currently used for testing will not easily accommodate more than 8-10 people. There are many other test sessions offered by other entities, so additional Gathering sessions may not be needed.
- i) RARS Webmaster Tony O'Connor, K1OC
no report

RARS Board of Directors Meeting minutes continued

j) Youth Chairman Brantley West, K4CBW

An outing was held January 1 with 12 people attending, including 2 youth.

Brantley is going next week to a scout meeting to describe ham radio.

k) At Large Director Alan Pitegoff, AB4OZ

Nothing to report. Alan is still seeking a new location for the free AB4OZ hamfests.

l) At Large Director Tadd Torborg, KA2DEW

New ham meetings prior to the RARS club meetings are ongoing.

m) At Large Director Ken Latchum, AD4GX

no report

7) Other reports or questions

none

8) Other comments from Board Members

none

9) Adjournment

President Gold asked for a motion to adjourn. Chuck Till so moved and the motion was approved. The meeting was adjourned at 7:51 pm.

Respectfully submitted,

Julie Royster KT4JR, RARS Secretary

RARS General Membership Meeting minutes

January 14, 2025, 7:30 PM

1. President Fin Gold NC4FG called the meeting to order at 7:33 pm. He reminded Zoom participants of a few notes about using Zoom. He praised RARS for a successful year with numerous good events held.
2. President Gold asked if any new members, visitors, or newly upgraded licensees were present.

New members present were:

Ann Norcross, unlicensed
Rob Lenfestey KZ4LB
Scott Lenfestey KQ4VAF
Kyra Lenfestey KQ4VAG
Mike Nutt K3LOE
Jim Barron N4CVT

Visitors present were:

Richard Dennis KE4COD
Kevin Sumner KQ4YBZ
Matthew Sumner unlicensed
John Ostrander KM4EZK

3. President Gold asked Secretary Julie Royster KT4JR for a Quorum Call. Counting in-person plus Zoom attendees, there was a quorum present. President Gold asked for a motion to approve the minutes of the November and December meetings. The motion was made, seconded, and approved.
4. Vice President's Report or announcements – Chuck Till, K4RGN Chuck is seeking RARS members who would volunteer to present programs at our meetings.
5. Secretary's Report or announcements – Julie Royster, KT4JR The minutes are up to date.
6. Treasurer's Report -- Greg Seamster KE4PAX RARS currently has 512 members.
7. Specific Announcements or Reports from Directors
 - Announcements from Alan Pitegoff, AB4OZ Alan is still looking for a new location for the free AB4OZ hamfests. The quarterly 10 m net will be held on Saturday January 18 following the Tech and Traders net.

RARS General Membership Meeting minutes continued

- Chuck Till K4RGN asked for nominations of worthy members to be considered for RARS' annual awards.
 - President Gold stated that the next Board Meeting will be held at 7 PM on Tuesday, February 4, 2025 via Zoom, and visitors may get the link from Fin.
8. Door Prize Drawing – Chuck Till K4RGN Tickets were drawn for 3 door prizes, and the winners were: Denny Oestreich KO4IBL Josh Kurland unlicensed Dennis Mason WZ0Q Wilbur Goss WD4RDT
 9. Program: Chuck Till K4RGN introduced tonight's speaker, Vance Vagell KV4P, whose presentation was titled "Turn your Android phone into a modern ham radio transceiver with KV4P HT." After the excellent presentation audience members asked several questions. Chuck Till and President Gold thanked Vance for his presentation, and his slides are available to view on RARS.org.
 10. Adjournment: President Gold asked for a motion to adjourn the meeting. The motion was made by Chuck Till, seconded, and approved. The meeting was adjourned at 8:38 pm.

Respectfully submitted,
Julie Royster, KT4JR, RARS Secretary